

## ABSTRACT OF THE DISCLOSURE

A system is described for the diagnosis and/or for the parameterization of devices forming sensors, actuators or controls and connected to a bus system, with device parameters being able to be read out of the device and/or being able to be transmitted into the device and well as device parameters read out and/or to be transmitted being able to be displayed visually by a display unit using said system. The system includes a communication engine for the communication, i.e. for the reading out and/or transmission of device parameters, of the system with the device and a visualization engine separate from the communication engine for the visualization of the device parameters by the display unit. The communication engine and the visualization engine are connected to one another via device-independent interfaces for the exchange of data. Furthermore, the communication engine is made independently of the display unit used.